MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MAY, 1934

J. A. BROWN, DIRECTOR

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MAY 1934

METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.1	57.7	58.0	57.9	25.2	18.9	22.4	23.7	20.6	22.2
2	9.5	9.8	60.2	9.8	26.7	19.8	22.3	26.1	20.9	23.1
3	9.7	8.4	58.6	8.9	27.2	19.4	25.7	25.6	21.2	24.2
4	6.8	6.6	6.2	6.5	27 6	18.6	23.9	27.3	21.2	24.1
5	5.8	5.9	8.4	6.7	27.7	18.7	24.4	25.9	21.1	23.8
6	62.1	62.0	62.1	62.1	25.3	18.3	23.0	24.2	20.1	22.4
7	2.5	2.1	2.3	2.3	24.3	17.8	22.4	22.4	19.8	21.5
8	1.2	0.7	0.6	0.8	25.7	16.7	22.6	24.6	18.7	22.0
9	0.3	59.7	1.4	0.5	25.7	16.9	21.9	24.4	18.9	21.7
10	0.9	60.1	59.5	0.2	25.7	16.8	22.4	22.9	20.1	21.8
11	59.3	58.2	58.4	58.6	25.6	17.9	23.9	22.7	20.1	22.2
12	8.4	8.2	8.6	8.4	26 1	17 9	24.1	22.3	19.9	22.1
13	9.5	9.8	9.5	9.6	25.6	18.3	23.3	24.6	19.3	22.4
14	8.7	8.	8.5	8.6	22.6	15.9	17.6	21.3	17.6	18.8
15	8.7	8.7	9.7	9.0	23.4	15.6	19.4	20 6	17 9	19.3
16	60.4	60.6	62.0	61.0	25.2	16.2	22.9	24.6	19.8	22.4
17	3.8	3.4	4.5	3.9	26.0	17.1	23.6	23 9	20.6	22.7
18	4.6	4.0	4.3	4.3	25.7	19.2	23 4	24.0	20.8	22.7
19	4.0	2.4	2.3	2.9	28.2	19.4	23.4	26.8	21.1	23.8
20	1.1	59.6	58.8	59.8	27.9	19.4	24.5	26.6	21.7	24.3
21	58.2	58.2	59.0	58.5	27.2	20.0	24.8	25.8	21.1	23.9
22	8.7	8.5	8.5	8.6	26.9	19.0	23.9	25.9	22.0	23.9
23	6.7	5.5	6.4	6.2	28.2	19.4	26.7	26.5	22.0	25.1
24	7.8	7.4	7.9	7.7	27.2	19.4	23.6	26.5	21.7	23.9
25	8.6	7.5	5.4	7.2	26.7	20.6	25.8	25.3	25.9	25.7
26	57.5	58.4	59.3	58.4	26.8	22.1	22.8	26.4	21.1	23.4
27	9.4	8.7	8.7	8.9	26.6	20.0	24.1	25.7	20.6	23.5
28	8.2	7.6	7.4	7.7	27.1	18.4	24.3	26.3	21.0	23.9
29	7.1	6.7	7.5	7.1	27.4	18.8	24.2	26.1	21.7	24.0
30	8.4	8.5	9.5	8 8	27.2	18.7	23.3	26.4	21.2	23.6
31	60.1	60.9	62.1	61.0	27.7	20.6	24.3	26.4	21.3	24.0
	759.55	759.17	759.54	759.41	26.33	18.57	23.38	24.90	20.67	22.98

Barometer, range for month 755.4 –764.6 mm.
,, 50-yr. average for month 759.624 mm.
Thermometer, Range for month 15.6°–28.2° C.
,, 50-yr. average for month 22.19° C.
Rain, total for month 8.638 m.m.
,, , 50-yr average for month 20.83 mm
,, , total, Sept. 1st to end of month 608.358 mm.
,, , 50-yr. average, Sept. 1st to end of month 902.73 mm.

MAY 1934

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	20.4	20.9	19.1	16.2	16.3	15.3	15.9	81	76	84	80	2.0	
2	20.4	22.2	20.3	16.3	16.9	17.3	16.8	82	67	94	81	7.0	
3	21.3	22.3	19.2	15.5	17.5	15.1	16.0	63	72	80	72	12.0	
4	21.1	22.8	17.3	15.3	17.1	12.2	14.9	67	63	65	65	12.0	
5	18.2	21.5	19.3	11.7	15.8	15.3	14.3	51	63	82	65	12.0	
6	18.2	19.2	17.0	12.4	13.2	12.4	12.7	60	58	71	63	8.5	
7	18.1	18.2	16.8	12.6	12.7	12.3	12.5	62	63	71	65	6.0	
8	18.1	19.5	17.1	12.5	13.4	13.4	13.1	61	58	83	67	12.0	
9	18.8	20.1	16.8	14.0	14.4	12.8	13.7	71	64	79	71	10.0	
10	18.7	18.8	17.4	13.5	13.4	12.9	13.3	67	64	74	68	8.0	
11	19.3	18.7	18.9	13.6	13.3	15.3	14.1	61	66	87	71	6.0	
12	20.7	18.1	18.1	15.6	12.7	14.1	14.1	70	62	82	71	11.0	
13	20.0	20.4	17.5	14.9	14.9	13.6	14.5	70	65	82	72	9.0	
14	16.6	17.6	15.7	13.3	12.5	11.9	12.6	89	67	80	79	11.0	7.239
15	15.4	16.6	15.7	10.6	11.4	11.8	11.3	63	63	78	68	2.5	0.889
16	17.9	19.3	17.4	12.1	13.2	13.1	12.8	58	57	76	64	10.5	0.510
17	18.7	19.9	18.4	12.8	14.4	14.1	13.8	58	65	78	67	12.0	
18	19.7	19.8	19.7	14.4	14.3	16.1	14.9	68	64	87	73	0.0	
19	20.3	22.4	19.0	15.4	16.7	14.8	15.6	71	63	79	71	8.5	
20	19.7	21.9	19.3	13.7	16.0	14.9	14.9	61	62	77	67	7.0	
21	20.2	22.2	20.2	14.3	17.0	16.9	16.1	62	69	90	74	9.5	
22	21.1	22.4	21.0	16.5	17.4	17.7	17.2	74	70	91	78	12.0	
23	20.1	22.7	20.9	13.1	17.6	17.5	16.1	49	68	90	69	10.5	
24	21.3	22.1	19.7	17.1	16.4	15.5	16.3	78	63	80	74	11.5	
25	20.0	20.9	20.2	13.6	15.2	13.7	14.2	55	63	55	58	0.0	
26	21.4	22.7	19.9	17.8	17.5	16.5	17.3	87	68	88	81	6.0	
27	20.4	20.3	18.7	15.2	14.1	14.5	14.6	68	57	81	69	10.0	
28	20.3	21.4	19.1	14.8	15.5	14.9	15.1	66	60	81	69	12.0	
29	20.8	21.7	20.1	15.8	16.0	16.2	16.0	70	63	84	72	8.5	
30	20.9	21.5	19.2	16.4	15.5	15.1	15.7	77	60	80	72	12.5	
31	20.7	21.2	18.5	15.4	15.0	13.8	14.7	69	58	73	67	12.5	
	19.64	20.62	18.63	14.40	15.07	14.56	14.68	67.4	63.9	80.0	70.4	8.8	0.2786

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.; Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	10ci	10cu	7cu	9.0	1sw	1sw	0	138.1	light	
2	4ci	4cu	0	2.7	2sw	1sw	0	211.6	slight	dew at night
3	0	0	0	0.0	1s	2s	0	193.1	„	
4	0	0	0	0.0	1sw	2sw	1sw	366.9	calm	
5	0	3cu	3cu	2.0	2sw	1sw	2sw	363.5	light	
6	7cu	3cu	10cu	6.7	2sw	3sw	1sw	193.1	mod.	
7	4ci	9cu	4cu	5.7	3sw	2sw	3sw	217.4	light	
8	0	0	0	0.0	2sw	1sw	0	214.6	„	
9	6ci	4ci	0	3.3	2sw	1sw	1sw	337.4	„	
10	6cu	10cu	1cu	5.7	1sw	1e	1sw	80.5	„	
11	9cicu	10cu	10cu	9.7	2sw	0	1sw	79.3	slight	
12	0	0	0	0.0	1sw	1sw	0	107.0	light	
13	1ci	6ci	0	2.3	3sw	2sw	0	307.7	„	
14	7ci	10cu	2cu	6.3	1sw	0	3sw	193.6	slight	
15	10cu	9ni	0	6.3	4sw	2sw	1sw	590.1	calm	
16	6ci	7ci	9cu	7.3	2sw	2sw	1sw	300.2	light	
17	1cu	0	0	0.3	1sw	1sw	2se	72.3	„	
18	10cicu	9cu	9cicu	9.3	1sw	1w	1w	160.1	slight	
19	9cicu	6ci	6ci	7.0	1sw	1sw	0	135.7	light	
20	8ci	5ci	5ci	6.0	1sw	2sw	0	257.7	„	
21	2ci	7ci	0	3.0	2sw	2sw	0	516.8	„	
22	0	7ci	10ni	5.7	2sw	3sw	3sw	401.0	calm	tr. of rain in p.m.
23	5ci	5ci	2ci	4.0	2sw	2sw	0	338.2	light	
24	8cicu	3ci	7ci	6.0	1sw	1w	0	303.2	calm	
25	10cu	10cu	10cu	10.0	0	4sw	3nw	335.1	mod.	
26	10cu	0	2ci	4.0	2ne	2ne	1sw	288.4	„	
27	5cu	1cu	1cu	2.3	2sw	2sw	0	261.3	light	
28	0	1cu	0	0.3	2sw	1sw	0	211.3	„	
29	6ci	3ci	1ci	3.3	2sw	2w	0	162.7	„	
30	7cu	3cu	1cu	3.7	1sw	3sw	1sw	302.5	calm	
31	1cu	2cu	4cu	2.3	1sw	2sw	2sw	274.1	light	
				4.33	1.6	1.6	0.9	255.30		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	1	0	0	1	28	0	0	1	31
14:30	0	1	1	0	1	23	3	0	2	31
20:30	0	0	0	1	0	14	1	1	14	31
Totals	0	2	1	1	2	65	4	1	17	93

Number of days with rain 3, fog 0, thunderstorms 0, gale 0.

50-yr. average number of days with rain during month 3.2